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Our File No. 128-10996
Client Reference No. N US00078

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Naoya Hasegawa and Masamichi Saito for Exchange Coupling Film and Magnetoresistive Element Using the Same.

Enclosed are:

- Preliminary Amendment
- 140 pages of application (including title page), 22 sheets of formal drawings (including Figs. 16, 17, 26 and 27, photographs, submitted in triplicate) and the following Appendices: n/a
- Declaration and Power of Attorney for Patent Application
- Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- Submission of Certified Copy of Priority Document and certified copy of Japanese Application No. 2000-209468
- Information Disclosure Statement, PTO-1449, and references A1-A2

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		\$ 355
Total Claims	78-20	58
Indep. Claims	5-3	2
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero,
enter "0" in col. 2.

Small Entity		Other Than Small Entity
Rate	Fee	Rate
x\$9=	\$ 355	or \$ 710
x\$40=	\$	or x\$18= \$1,044
+\$135=	\$	or x\$80= \$160
		or +\$270= \$
Total	\$	Total \$1,914

- Please charge my Deposit Account No. 23-1925 in the amount of \$._____. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$1,914.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 CFR § 1.16.
- Any patent application processing fees under 37 CFR § 1.17.
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- Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
- Any patent application processing fees under 37 CFR § 1.17.
- The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.31(b).

7/9/01

Date


Michael E. Milz

BRINKS HOFER GILSON & LIONE
Registration No. 34,880